

Claims

1. A method for time-shifting a presentation of multimedia content using a recorder comprising:
 - 5 receiving a first stream of multimedia content on a first channel;
storing the first stream of multimedia content to a data store associated with the recorder;
receiving a channel change request;
receiving a second stream of multimedia content on a second channel correlating to
10 the channel change request; and
storing the second stream of multimedia content to the data store while retaining the first stream of multimedia content in the data store.
2. The method according to claim 1 further comprising assigning at least one identifier to each of the first and second streams of multimedia content to identify a sequence in which
15 the first and second streams of multimedia content are recorded.
3. The method according to claim 1 further comprising assigning at least one identifier to each of the first and second streams of multimedia content to identify a channel from which the first and second streams of multimedia content are recorded.
4. The method according to claim 1 further comprising:
 - 20 receiving a rewind trick mode request;
presenting the second stream of multimedia content in reverse; and
presenting the first stream of multimedia content in reverse after reaching a beginning of the second stream of multimedia content.
5. The method according to claim 1 further comprising:
 - 25 receiving a play request;
presenting the first stream of multimedia content; and
presenting the second stream of multimedia content after reaching an end of the first stream of multimedia content.
6. A recorder comprising:
 - 30 an input port for receiving a first stream of multimedia content on a first channel;

a data store for storing the first stream of multimedia content;

a user interface for receiving a channel change request;

a processor for changing a channel to receive through the input port a second stream of multimedia content on a second channel correlating to the channel change request and
5 storing the second stream of multimedia content to the data store while retaining the first stream of multimedia content in the data store.

7. The recorder of claim 6 wherein the processor further assigns at least one identifier to each of the first and second streams of multimedia content to identify a sequence in which the first and second streams of multimedia content are recorded.

10 8. The recorder of claim 6 wherein the processor further assigns at least one identifier to each of the first and second streams of multimedia content to identify a channel from which the first and second streams of multimedia content are recorded.

9. The recorder of claim 6, said user interface further comprising a user input device through which a user can choose a user selectable function to perform a desired personal
15 video recorder operation.

10. The recorder of claim 6 further comprising a video decoder that presents the second stream of multimedia content in reverse, then presents the first stream of multimedia content in reverse after reaching a beginning of the second stream of multimedia content.

11. The recorder of claim 6 further comprising a video decoder that presents the first
20 stream of multimedia content, then presents the second stream of multimedia content after reaching an end of the first stream of multimedia content.